

**Notice of Allowability**

Application No.

10/605,573

Examiner

Dustin Nguyen

Applicant(s)

KELLEY ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/02/2007.
2. ☒ The allowed claim(s) is/are 1-12, 14-33, 35-48, now renumbered as 1-46.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

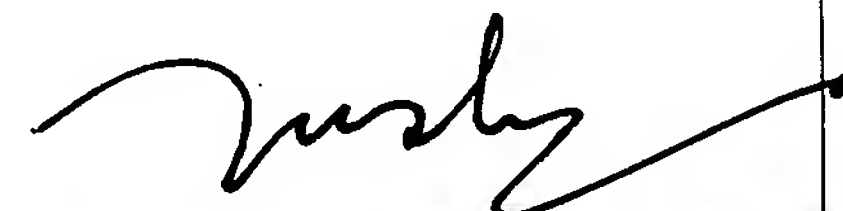
\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____  |



### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Applicants' attorney, Jennifer Pearson Medlin, on 10/09/2007.

Please replace the abstract with a new abstract as attached with this document.

Please amend claims 1, 6, 13, 22, 27, 34 and 43 as follows:

1. (Currently Amended) A method for providing search and reference functions for a messaging system, comprising:

receiving a request to search a data archive for reference information relating to at least one keyword selected by a messaging system user, said messaging system user actively engaged in composing a message or a response to a message, and wherein further, said at least one keyword is selected from a body of said message's text;

searching said data archive; and

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if a reference is found, presenting said reference to said messaging system user within said message; wherein said data archive includes information gathered from said messaging system user's message folder and at least one of:

a local data storage system; and

a shared online repository; and

further comprising integrating process software for providing said search and reference functions for a messaging system, said integrating comprising:

determining if said process software will execute on at least one server;

identifying an address of said at least one server;

checking said at least one server for operating systems, applications, and version numbers for validation with said process software, and identifying any missing software applications for said at least one server that are required for integration;

updating said at least one server with respect to any operating system and application that is not validated for said process software, and providing any of said missing software applications for said at least one server required for said integration;

identifying client addresses and checking client computers for operating systems, applications, and version numbers for validation with said process software, and identifying any software applications missing from said client computers that are required for integration;

updating said client computers with respect to any operating system and application that is not validated for said process software, and providing any missing software application for said client computers required for said integration; and

installing said process software on said client computers and said at least one server.

6. (Currently Amended) The method of claim 1, wherein said data archive is generated by:

- locating available information sources associated with said messaging system user;
- indexing archived data obtained from said available ~~system~~ information sources; and
- locating at least one shared online repository in response to a request by said messaging system user to share information.

13. (Cancelled).

22. (Currently Amended) A storage medium encoded with machine-readable computer program code for providing search and reference functions for a messaging system, the storage medium including instructions for causing a computer to implement a method, comprising:

- receiving a request to search a data archive for reference information relating to at least one keyword selected by a messaging system user, said messaging system user actively engaged in composing a message or a response to a message, and wherein further, said at least one keyword is selected from a body of said message's text;

- searching said data archive; and

- if a reference is found, presenting said reference to said messaging system user within said message; wherein said data archive includes information gathered from said messaging system user's message folder and at least one of:

- a local data storage system; and

- a shared online repository; and

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further comprising instruction for causing said computer to implement:

integrating process software for providing said search and reference functions for a

messaging system, said integrating process software further comprising:

determining if said process software will execute on at least one server;

identifying an address of said at least one server;

checking said at least one server for operating systems, applications, and version numbers

for validation with said process software, and identifying any missing software applications for

said at least one server that are required for integration;

updating said at least one server with respect to any operating system and application that

is not validated for said process software, and providing any of said missing software

applications for said at least one server required for said integration;

identifying client addresses and checking client computers for operating systems,

applications, and version numbers for validation with said process software, and identifying any

software applications missing from said client computers that are required for integration;

updating said client computers with respect to any operating system and application that

is not validated for said process software, and providing any missing software application for

said client computers required for said integration; and

installing said process software on said client computers and said at least one server.

27. (Currently Amended) The storage medium of claim 22, wherein said data archive is generated by:

locating available information sources associated with said messaging system user;

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indexing archived data obtained from said available ~~system~~ information sources; and  
locating at least one shared online repository in response to a request by said messaging system user to share information.

34. (Cancelled).

43. (Currently Amended) A system for providing search and reference functions for a messaging system, comprising:

a client system executing a messaging program, said client system including a web browser, local data storage system, and access to an Internet network;

a search and reference application executing on said client system;

a message with text entered by a client system user via said client system;

a link to a shared online repository external to said client system;

wherein said search and reference application performs:

searching a data archive for reference information relating to at least one keyword selected by said client system user, said client system user actively engaged in composing said message or a response to said message, and wherein further, said at least one keyword is selected from a body of text contained in said message; and

if a reference is found, presenting said reference to said client system user within said message; wherein said data archive includes information gathered from at least one of:

said client system user's local data storage system; and

a said shared online repository; and



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integrating process software for providing said search and reference functions for a messaging system, said integrating comprising:

determining if said process software will execute on at least one server;

identifying an address of said at least one server;

checking said at least one server for operating systems, applications, and version numbers for validation with said process software, and identifying any missing software applications for said at least one server that are required for integration;

updating said at least one server with respect to any operating system and application that is not validated for said process software, and providing any of said missing software applications for said at least one server required for said integration;

identifying client addresses and checking client computers for operating systems, applications, and version numbers for validation with said process software, and identifying any software applications missing from said client computers that are required for integration;

updating said client computers with respect to any operating system and application that is not validated for said process software, and providing any missing software application for said client computers required for said integration; and

installing said process software on said client computers and said at least one server.

2. The following is an examiner's statement of reasons for allowance:

With respect to claims 1-12, 14-33, 35-48, the prior art of record, individually or in combination, fails to teach, suggest or render obvious the claimed invention. Specifically, inter alia, the prior art of record fails to teach or suggest receiving a request to search a data archive

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for reference information relating to at least one keyword selected by a messaging system user, said messaging system user actively engaged in composing a message or a response to a message, and wherein further, said at least one keyword is selected from a body of said message's text; searching said data archive; if a reference is found, presenting said reference to said messaging system user within said message; wherein said data archive includes information gathered from said messaging system user's message folder and at least one of: a local data storage system; and a shared online repository; and integrating process software for providing said search and reference functions for a messaging system, said integrating comprising: determining if said process software will execute on at least one server; identifying an address of said at least one server; checking said at least one server for operating systems, applications, and version numbers for validation with said process software, and identifying any missing software applications for said at least one server that are required for integration; updating said at least one server with respect to any operating system and application that is not validated for said process software, and providing any of said missing software applications for said at least one server required for said integration; identifying client addresses and checking client computers for operating systems, applications, and version numbers for validation with said process software, and identifying any software applications missing from said client computers that are required for integration; updating said client computers with respect to any operating system and application that is not validated for said process software, and providing any missing software application for said client computers required for said integration; and installing said process software on said client computers and said at least one server ( as disclosed in specification paragraphs 0023-0030, Figures 2-5 ).



Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dustin Nguyen whose telephone number is (571) 272-3971. The examiner can normally be reached on flex schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Flynn Nathan can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

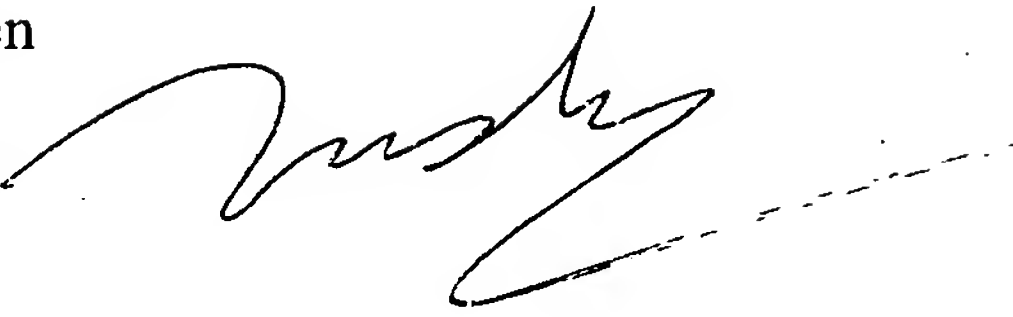
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Dustin Nguyen  
Examiner  
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A handwritten signature in black ink, appearing to read 'Dustin', is written over a dashed horizontal line.